Table 2
Draft Outdoor Air Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

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Parameters	Units	Southern Perimeter	Northern Perimeter	Western Perimeter	Eastern Perimeter	Northern Perimeter	Southern Perimeter	Western Perimeter	Eastern Perimeter
	Field Sample ID:	MWF-METALS-001 / MWF-HCN-001	MWF-METALS-002 / MWF-HCN-002	MWF-METALS-003 / MWF-HCN-003	MWF-METALS-004 / MWF-HCN-004	MWF-METALS-005	MWF-METALS-006	MWF-METALS-007	MWF-METALS-008
	Sample Date:	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016	6/15/2016
	Laboratory Job Number:	82527	82527	82527	82527	82549	82549	82549	82549
	Adult / Child / Duplicate:								
Hydrogen Cyanide / NIOSH-6010	mg/m^3	ND<0.125	ND<0.125	ND<0.125	ND<0.125				
Metals / NIOSH-7303(M)									
Aluminum	µg/m^3	ND<0.25	ND<0.25	ND<0.25	ND<0.25	**0.992**	**1.25**	**1.69**	**0.345**
Antimony	µg/m^3	ND<0.25	**5.43**	ND<0.25	ND<0.25	**0.412**	ND<0.25	ND<0.25	ND<0.25
Arsenic	[illegible]	[illegible]	[illegible]	ND<0.25	[illegible]	[illegible]	[illegible]	[illegible]	ND<0.25
Barium	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ND<0.25
Beryllium	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ND<0.25	[illegible]	ND<0.25
Cadmium	[illegible]	ND<0.25	[illegible]	[illegible]	[illegible]	[illegible]	ND<0.25	[illegible]	ND<0.25
Calcium	[illegible]	ND<0.25	[illegible]	[illegible]	**5.55**	[illegible]	**5.49**	**8.08**	**2.69**
Chromium	[illegible]	**1.53**	[illegible]	[illegible]	**1.42**	[illegible]	[illegible]	[illegible]	**0.646**
Cobalt	[illegible]	ND<0.25	[illegible]	ND<0.25	ND<0.25	[illegible]	[illegible]	[illegible]	ND<0.25
Copper	[illegible]	ND<0.25	[illegible]	ND<0.25	[illegible]	[illegible]	ND<0.25	[illegible]	ND<0.25
Iron	[illegible]	**3.14**	[illegible]	[illegible]	[illegible]	[illegible]	**0.895**	**4.10**	ND<0.25
Lead	[illegible]	ND<0.25	[illegible]	[illegible]	ND<0.25	[illegible]	ND<0.25	[illegible]	ND<0.25
Magnesium	[illegible]	**1.16**	[illegible]	[illegible]	**1.36**	[illegible]	**2.47**	**2.11**	**0.386**
Manganese	[illegible]	[illegible]	[illegible]	[illegible]	ND<0.25	[illegible]	ND<0.25	[illegible]	ND<0.25
Molybdenum	[illegible]	[illegible]	[illegible]	[illegible]	ND<0.25	[illegible]	ND<0.25	[illegible]	ND<0.25
Nickel	µg/m^3	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Potassium	µg/m^3	ND<0.25	ND<0.25	ND<0.25	ND<0.25	**7.43**	**0.432**	**0.887**	ND<0.25
Selenium	µg/m^3	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Sodium	µg/m^3	ND<0.25	ND<0.25	ND<0.25	ND<0.25	**5.82**	**7.01**	**8.44**	**2.41**
Thallium	µg/m^3	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Vanadium	µg/m^3	**0.399**	**0.405**	**1.81**	**0.327**	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Zinc	µg/m^3	ND<0.25	**6.25**	ND<0.25	**0.423**	**6.52**	ND<0.25	**0.307**	ND<0.25

Notes:
Bold results indicate detected compounds.
Highlighted results exceed applicable limits for characteristic hazardous wastes.
ND<X = constituents(s) not detected at or above method detection limit
* = concentration amended based on contamination in blank sample
J = analyte was detected. However, analyte concentration is an estimated value which is between the method detection limit (MDL) and the practical quantitation limit (PQL)
mg/m^3 = milligram per cubic meter
µg/m^3 = microgram per cubic meter

Table 2
Draft Outdoor Air Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

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Parameters	Home:	Northern Perimeter	Southern Perimeter	Northern Perimeter	Northern Perimeter	Southern Perimeter	Southern Perimeter	Southern Perimeter	Northern Perimeter
	Field Sample ID:	MWF-METALS-009	MWF-METALS-010	MWF-METALS-022	MWF-METALS-031	MWF-METALS-032	MWF-METALS-033	MWF-METALS-034	MWF-METALS-035
	Sample Date:	6/16/2016	6/16/2016	6/17/2016	6/18/2016	6/18/2016	6/20/2016	6/19/2016	6/19/2016
	Laboratory Job Number:	82565	82565	82565	82565	82565	82717	82565	82565
	Adult / Child / Duplicate:								
	Units								
Hydrogen Cyanide / NIOSH-6010	mg/m³								
Metals / NIOSH-7303(M)									
Aluminum	µg/m³	**1.22**	**0.643**	**1.33**	**0.804 ***	**0.468 ***	ND<0.25	**0.649**	**0.539**
Antimony	µg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Arsenic	[illegible]	[illegible]	[illegible]	ND<0.25	[illegible]	[illegible]	[illegible]	[illegible]	ND<0.25
Barium	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ND<0.25
Beryllium	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	ND<0.25	[illegible]	ND<0.25
Cadmium	[illegible]	ND<0.25	[illegible]	[illegible]	[illegible]	[illegible]	ND<0.25	[illegible]	ND<0.25
Calcium	[illegible]	**7.87 ***	[illegible]	[illegible]	**0.853**	[illegible]	**2.43**	**1.76 ***	**1.02 ***
Chromium	[illegible]	ND<0.25	[illegible]	[illegible]	**0.445 ***	[illegible]	**0.405**	[illegible]	ND<0.25 *
Cobalt	[illegible]	ND<0.25	[illegible]	ND<0.25	ND<0.25	[illegible]	[illegible]	[illegible]	ND<0.25
Copper	[illegible]	ND<0.25	[illegible]	ND<0.25	[illegible]	[illegible]	ND<0.25	[illegible]	ND<0.25
Iron	[illegible]	**1.50 J**	[illegible]	**1.53**	[illegible]	[illegible]	**0.899**	[illegible]	ND<0.25
Lead	[illegible]	ND<0.25	[illegible]	[illegible]	ND<0.25	[illegible]	ND<0.25	[illegible]	ND<0.25
Magnesium	[illegible]	**7.91**	[illegible]	[illegible]	**2.62**	[illegible]	**1.03**	**0.760**	**0.690**
Manganese	[illegible]	[illegible]	[illegible]	[illegible]	ND<0.25	[illegible]	ND<0.25	[illegible]	ND<0.25
Molybdenum	[illegible]	[illegible]	[illegible]	[illegible]	ND<0.25	[illegible]	ND<0.25	[illegible]	ND<0.25
Nickel	µg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Potassium	µg/m³	ND<0.25	ND<0.25	**1.07**	ND<0.25	**1.38**	ND<0.25	ND<0.25	ND<0.25
Selenium	µg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Sodium	µg/m³	**3.80**	**3.71**	**4.20 ***	**2.35 ***	**1.93 ***	**3.20**	**2.02**	**1.86**
Thallium	µg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Vanadium	µg/m³	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Zinc	µg/m³	**0.295**	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25

Notes:
Bold results indicate detected compounds.
Highlighted results exceed applicable limits fo
ND<X = constituents(s) not detected at or abo
* = concentration amended based on contamin
J = analyte was detected. However, analyte co
mg/m³ = milligram per cubic meter
µg/m³ = microgram per cubic meter

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Table 2
Draft Outdoor Air Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

	Home:	Southern Perimeter	Northern Perimeter	Northern Perimeter	Ex. 6 - Personal Privacy			Southern Perimeter	Northern Perimeter
	Field Sample ID:	MWF-METALS-036	MWF-METALS-037	MWF-METALS-038	MWF-METALS-043	MWF-METALS-046	MWF-METALS-047	MWF-METALS-068	MWF-METALS-069
	Sample Date:	6/20/2016	6/20/2016	6/20/2016	6/20/2016	6/22/2016	6/22/2016	6/23/2016	6/23/2016
	Laboratory Job Number:	82717	82717	82717	82717	82731	82731	82746	82746
	Adult / Child / Duplicate:								
Parameters	Units								
Hydrogen Cyanide / NIOSH-6010	mg/m^3								
Metals / NIOSH-7303(M)									
Aluminum	$\mu g/m^3$	ND<0.25	ND<0.25	**0.347**	ND<0.25	ND<0.25	**0.303**	**0.334**	**0.497**
Antimony	$\mu g/m^3$	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Arsenic	$\mu g/m^3$			ND<0.25		ND	0.25		ND<0.25
Barium	$\mu g/m^3$			0.25		ND	0.25		ND<0.25
Beryllium	$\mu g/m^3$	ND<0.2	0.25	25		ND	ND<0.25	D<0.25	ND<0.25
Cadmium	$\mu g/m^3$	ND<0.25	0.25	N 25	D<0.	ND	ND<0.25	D<0.25	ND<0.25
Calcium	$\mu g/m^3$	**2.43**	8		**1.42**	1	**5.44 ***	**1.14 ***	**1.43 ***
Chromium	$\mu g/m^3$	**0.395**	32	46	**0.304**	ND *	ND<0.25 *	D<0.25	ND<0.25
Cobalt	$\mu g/m^3$	ND<0.25		ND<0.25	ND<0.25	ND	D<0.25	D<0.25	ND<0.25
Copper	$\mu g/m^3$	ND<0.25	0.25	ND<0.25	ND<0.25	ND	ND<0.25	D<0.25	ND<0.25
Iron	$\mu g/m^3$	ND<0.25	51	ND<0.25		ND	**0.480**	D<0.25	ND<0.25
Lead	$\mu g/m^3$	ND<0.25	0.25	<0.25	ND<0.25	ND	ND<0.25	D<0.25	ND<0.25
Magnesium	$\mu g/m^3$	**0.849**	42		**0.792**	0	**0.764**	**0.467**	**0.626**
Manganese	$\mu g/m^3$		0.25	N 25	ND<0.25	ND	ND<0.25	D<0.25	ND<0.25
Molybdenum	$\mu g/m^3$	ND<0.25	0.25	ND 25	ND<0.25	ND	ND<0.25	D<0.25	ND<0.25
Nickel	$\mu g/m^3$	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Potassium	$\mu g/m^3$	ND<0.25	ND<0.25	ND<0.25	ND<0.25	**1.29**	**1.52**	ND<0.25	ND<0.25
Selenium	$\mu g/m^3$	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Sodium	$\mu g/m^3$	**0.923**	**1.36**	**2.85**	**2.80**	**0.301**	**2.80**	**1.91**	**2.20**
Thallium	$\mu g/m^3$	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Vanadium	$\mu g/m^3$	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Zinc	$\mu g/m^3$	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	**0.364**	ND<0.25	ND<0.25

Notes:
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Table 2
Draft Outdoor Air Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

	Home:	Northern Perimeter	Southern Perimeter	Southern Perimeter	Northern Perimeter	Southern Perimeter	Northern Perimeter	Ex. 6 - Personal Privacy	
	Field Sample ID:	MWF-METALS-107	MWF-METALS-108	MWF-METALS-120	MWF-METALS-121	MWF-METALS-146	MWF-METALS-147	MWF-METALS-148	MWF-METALS-149
	Sample Date:	6/24/2016	6/24/2016	6/25/2016	6/25/2016	6/26/2016	6/26/2016	6/27/2016	6/27/2016
	Laboratory Job Number:	82851	82851	82856	82856	82856	82856	82873	82873
	Adult / Child / Duplicate:								
Parameters	Units								
Hydrogen Cyanide / NIOSH-6010	mg/m^3								
Metals / NIOSH-7303(M)									
Aluminum	µg/m^3	**0.298 ***	**0.405 ***	ND<0.25	ND<0.25	ND<0.25	ND<0.25	**0.427 ***	**0.328 ***
Antimony	µg/m^3	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Arsenic	µg/m^3			ND<0.25					ND<0.25
Barium	µg/m^3								ND<0.25
Beryllium	µg/m^3	ND<0.25					ND<0.25	ND<0.25	ND<0.25
Cadmium	µg/m^3	ND<0.25					ND<0.25	ND<0.25	ND<0.25
Calcium	µg/m^3	**1.13 ***			**0.585 ***		**8.61**	**2.64 ***	**1.27 ***
Chromium	µg/m^3	ND<0,25 *			ND<0.25		**0.270**	**0.407**	ND<0.25
Cobalt	µg/m^3	ND<0.25			ND<0.25		ND<0.25	ND<0.25	ND<0.25
Copper	µg/m^3	ND<0.25		ND<0.25	ND<0.25		ND<0.25	ND<0.25	ND<0.25
Iron	µg/m^3	ND<0.25		**0.444**			ND<0.25	**1.16**	**0.940**
Lead	µg/m^3	ND<0.25			ND<0.25		ND<0.25	ND<0.25	ND<0.25
Magnesium	µg/m^3	**0.473 ***			**0.574**		**0.910**	**0.650 ***	**0.568 ***
Manganese	µg/m^3				ND<0.25		ND<0.25	ND<0.25	ND<0.25
Molybdenum	µg/m^3				ND<0.25		ND<0.25	ND<0.25	ND<0.25
Nickel	µg/m^3	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Potassium	µg/m^3	ND<0.25	ND<0.25 *	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Selenium	µg/m^3	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Sodium	µg/m^3	**2.80**	**2.49**	**1.32**	**3.20**	**5.20**	**1.52**	**0.517 ***	ND<0.25 *
Thallium	µg/m^3	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Vanadium	µg/m^3	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Zinc	µg/m^3	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25

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Table 2
Draft Outdoor Air Analytical Results
Fruitland Magnesium Fire
Maywood, Los Angeles County, California

Parameters	Units	Home: Ex. 6 - Personal Privacy			
	Field Sample ID:	MWF-METALS-200	MWF-METALS-201	MWF-METALS-207	MWF-METALS-208
	Sample Date:	6/27/2016	6/27/2016	6/30/2016	6/30/2016
	Laboratory Job Number:	82873	82873	82950	82950
	Adult / Child / Duplicate:				
Hydrogen Cyanide / NIOSH-6010	mg/m^3				
Metals / NIOSH-7303(M)					
Aluminum	$\mu g/m^3$	ND<0.25 *	ND<0.25 *	**0.349**	**0.418**
Antimony	$\mu g/m^3$	ND<0.25	ND<0.25	ND<0.25	ND<0.25
[illegible]nic	$\mu g/m^3$	ND<0.25	[illegible]	[illegible]	[illegible]
[illegible]	$\mu g/m^3$	[illegible]	[illegible]	[illegible]	[illegible]
Beryl[illegible]	$\mu g/m^3$	[illegible]	[illegible]	[illegible]	ND<0.25
Cadmiu[illegible]	$\mu g/m^3$	[illegible]	[illegible]	[illegible]	ND<0.25
Calcium	$\mu g/m^3$	[illegible]	**0.939 ***	[illegible]	**3.45**
Chromium	$\mu g/m^3$	[illegible]	ND<0.25	[illegible]	ND<0.25
Cobalt	$\mu g/m^3$	ND<0.25	ND<0.25	[illegible]	ND<0.25
Copper	$\mu g/m^3$	ND<0.25	[illegible]	[illegible]	ND<0.25
Iron	$\mu g/m^3$	ND<0.25	[illegible]	[illegible]	ND<0.25
Lead	$\mu g/m^3$	[illegible]	ND<0.25	[illegible]	ND<0.25
Ma[illegible]	$\mu g/m^3$	[illegible]	**0.353 ***	[illegible]	**1.21**
[illegible]ese	$\mu g/m^3$	[illegible]	ND<0.25	[illegible]	ND<0.25
Molybdenum	$\mu g/m^3$	[illegible]	ND<0.25	[illegible]	ND<0.25
Nickel	$\mu g/m^3$	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Potassium	$\mu g/m^3$	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Selenium	$\mu g/m^3$	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Sodium	$\mu g/m^3$	**1.26 ***	**1.03 ***	**6.90**	**7.00**
Thallium	$\mu g/m^3$	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Vanadium	$\mu g/m^3$	ND<0.25	ND<0.25	ND<0.25	ND<0.25
Zinc	$\mu g/m^3$	ND<0.25	ND<0.25	ND<0.25	ND<0.25

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